

[NAME OF DOCUMENT] ABSTRACT

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[SUBJECT]           The subject of the present invention is to provide a simple and inexpensive pedal reaction force device which is capable of easily setting reaction force characteristics close to conventional mechanical type pedal devices.

[SOLUTION]           In the pedal reaction force device 10, a pedaling reaction force is applied to the operating pedal 16 on the basis of a displacement magnitude and a variation speed of the displacement magnitude by the damper device 18 and spring member 20 which are mechanically displaced in accordance with a pedaling operation of the operating pedal 16, and the variation pattern of the displacement magnitude, that is, variation characteristics of the pedaling reaction force are mechanically set by the cam 22. Therefore, a higher degree of freedom in setting the reaction force characteristics close to a conventional mechanical type pedal device and excellent response performance can be obtained, and construction of the pedal reaction force device 10 can be inexpensively achieved.